

INFORMATION DISCLOSURE CITATION

Docket No.: RLL-9.2US Serial No.: 10/611,386

Applicants: ARORA et al.

Filed: 7/1/2003

Group: TBA 1623



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
M	A1	2,715,121	8/9/1955	Glen et al.			
	A2	4,056,322	11/1/1977	Gordon et al.	536	4	
	A3	4,735,934	4/5/1988	Gordon	514	25	
	A4	4,996,195	2/26/1991	Ronsen et al.	514	23	
	A5	5,010,058	4/23/1991	Ronsen et al.	514	23	
M	A6	5,637,570	6/10/1997	Arora et al.	514	25	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
M	B1	EP 379397	7/25/1990	EPO	C07H	9/04	
	B2	EP 404136	12/27/1990	EPO	C07H	15/12	
	B3	WO 91/04862	4/18/1991	PCT	B41J	2/175	
	B4	WO 92/00995	1/23/1992	PCT	C07K	7/00	
M	B5	WO 94/11381	5/26/1994	PCT	C07H	15/12	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

M	C1	ABRAHAM et al, "α4 Integrins Mediate Antigen-induced Late Bronchial Responses and Prolonged Airway Hyperresponsiveness in Sheep," J. Clin. Invest., 93:776 (1994)
	C2	ASPINALL et al, "The hex-5-enose degradation: zinc dust cleavage of 6-deoxy-6-iodo-α-D-galactopyranosid linkages in methylated di- and trisaccharides," Can. J. Chem., 62:2728-2735 (1984)
	C3	BARON et al, "Surface Expression of α4 Integrin by CD4 T Cells is Required for Their Entry into Brain Parenchyma," J. Exp. Med., 177:57 (1993)
M	C4	BHATTACHARJEE and GORIN, "Hydrogenolysis of carbohydrate acetals, ketals, and cyclic orthoesters with lithium aluminium hydride-aluminium trichloride," Can. J. Chem., 47:1195 (1969)

EXAMINER

M. Lane

DATE CONSIDERED

3/5/04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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M	C5	BINKLEY, "Synthesis of Methyl 2,6-Dideoxy-3-C-Methyl- α -D-Ribo-Hexopyranoside (Methyl α -D-Mycaroside), A Component of the Antitumor Agent Mithramycin," <i>J. Carbohydr. Chem.</i> , 4:227 (1985)
	C6	BOUVENG, "Phenylisocyanate Derivatives of Carbohydrates," <i>Acta. Chem. Scand.</i> , 15:96-100 (1961)
	C7	CHISOLM et al, "Monoclonal antibodies to the integrin α -4 subunit inhibit the murine contact hypersensitivity response," <i>Eur. J. Immunol.</i> , 23:682 (1993)
	C8	FERGUSON et al, "Two integrin-binding peptides abrogate T cell-mediated immune responses <i>in vivo</i> ," <i>Proc. Natl. Acad. Sci (USA)</i> , 88:8072 (1991)
	C9	HASEGAWA et al, "Synthesis of N-[2-S-(2-Acetamido-2,3-Dideoxy-D-Glucopyranose-3-yl)-2-Thio-D-Lactoyl]-L-Alanyl-D-Isoglutamine, <i>J. Carbohydr. Chem.</i> , 3:331-341 (1984)
	C10	KING and ALLBUTT, "Stereochemistry of bimolecular nucleophilic opening of a dioxolenium ring fused to an anchored cyclohexane system," <i>Can. J. Chem.</i> , 47:1455 (1969)
	C11	KING and ALLBUTT, "Remarkable stereoselectivity in the hydrolysis of dioxolenium ions and orthoesters fused to anchored six-membered rings," <i>Can. J. Chem.</i> , 48:1754 (1970)
	C12	KOMORIYA et al, "The Minimal Essence Sequence for a Major Cell Type-specific Adhesion Site (CS1) within the Alternatively Spliced Type III Connecting Segment Domain of Fibronectin Is Leucine-Aspartic Acid-Valine," <i>J. Biol. Chem.</i> , 266:15075 (1991)
	C13	MANI et al, "Heparan/Chondroitin/Dermatan Sulfate Primer 2-(6-Hydroxynaphthyl)-O- β -D-Xylopyranoside Preferentially Inhibits Growth of Transformed Cells," <i>Cancer Res.</i> , 58, pp. 1099-1104 (1998)
	C14	"Monosaccharides," <i>Methods in Carbohydr. Chem.</i> , 1:107 (1962) & 1:191 (1962)
	C15	NOWLIN et al, "A Novel Cyclic Pentapeptide Inhibits α 4 β 1 and α 5 β 1 Integrin-mediated Cell Adhesion," <i>J. Biol. Chem.</i> , 268(27):20352 (1993)
	C16	PODOLSKY et al, "Attenuation of Colitis in the Cotton-top Tamarin by Anti- α 4 integrin Monoclonal Antibody," <i>J. Clin. Invest.</i> , 92: 372 (1993)
	C17	WAHL et al, "Synthetic Fibronectin Peptides Suppress Arthritis in Rats by Interrupting Leukocyte Adhesion and Recruitment," <i>J. Clin. Invest.</i> , 94:655 (1994)
	C18	YANG et al, "Inhibition of insulitis and prevention of diabetes in nonobese diabetic mice by blocking L-selectin and very late antigen 4 adhesion receptors," <i>Proc. Natl. Acad. Sci. (USA)</i> , 90:10494 (1993)
M	C19	YEDNOCK et al, "Prevention of experimental autoimmune encephalomyelitis by antibodies against α 4 β 1 integrin," <i>Nature (Lond)</i> , 356:63 (1992)

EXAMINER	<i>M. H. Hause</i>	DATE CONSIDERED	<i>3/5/04</i>
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